High Performance Lighting and Controls Solutions for Today’s Dynamic Spaces

www.acuitybrands.com/fresco
Meet the Fresco™ Family

The Fresco network of lighting management panels, third-party integration solutions and configuration software work together to manage multiple light sources, in multiple lighting zones. All from one simply elegant touchscreen controller.

Fresco Touchscreen
Dynamic multi-zone room controller

Fresco RB Station
Digital remote wall station controller

Fresco AVI
Third-party integration solution

Fresco Lighting Management Panel
Multi-module lighting control panel

Fresco LMP1
Single module lighting control panel

Fresco Show WM
Architectural lighting controller

Fresco Show DTP
Theatrical lighting controller

Fresco Show NSB
Button/slider station

Vignette
Button/slider stand-alone station

Fresco DXT
DMX512 networking panel

Fresco DXT LPDD
Unified DMX512 control panel for LED

Fresco Studio
Fresco system configuration software

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FRESKO: express yourself through light

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/ Fresco manages lighting for today’s architectural spaces, putting the user confidently in control. Distinguished by its visual appeal and cognitive design, Fresco directly incorporates nLight® devices and controls traditional light sources, LED, RGB and tunable white. Built-in Bluetooth® wireless technology connects with handheld devices.
Fresco Show™

ARCHITAINMENT

DYNAMIC

INTEGRATED

INTELLIGENT

POWERFUL

SIMPLE

Fresco Show provides full-featured, stand-alone programming and playback for DMX512 lighting systems. A natural language interface guides you through selecting lights, adjusting attributes, and recording reference libraries, memories and cues. Once programmed, use the screen as a virtual station, or run shows from time code or scripting inputs.
FRESCO: nLight® device integration

DIGITALLY CONTROL LUMINAires individually or in groups with nLight devices. Simplified wiring and direct connectivity to Fresco reduce installation costs and make it easy to scale projects from a single room to a large space.

- Connect up to 128 nLight devices per Fresco controller
- Supports power packs, dimming packs, sensors, nPOD and nGFX stations
- Supports nLight enabled luminaires
- Simplified network wiring for quick and easy installation
Fresco: Dynamic Spaces Application Guide

Controls Strategies

FRESCO: universal lighting control

DESIGNED FOR TODAY’S dynamic and efficient sources, Fresco digitally controls traditional, color changing and tunable white luminaires. The system is configurable to allow different lighting technologies to be controlled from a single interface.

- 0-10V, switching, DALI, DMX 512 and forward and reverse phase dimming
- Control lighting via schedules, occupancy sensors or remote button stations
- Group luminaires together to control intensity or on/off
FRESCO: DMX 512 / RDM control

**FINE-TUNE COLOR**, color temperature and intensity of dynamic luminaires to set the tone for each space.

- Integrated universe of DMX eliminates need for external processor
- Remote Device Management (RDM) for quick addressing of luminaires
- Built-in color palette
Fresco: Dynamic Spaces Application Guide

Controls Strategies

**Fresco:**

**room link**

**COMBINE ROOMS** by linking Fresco controllers to create an entirely new space. Share lighting zones and scenes or design a new sequence of operations for the combined rooms and manage it all from a single touchscreen.

- Connect up to 24 controllers to create new room combinations
- Combine rooms manually via button station or automatically via partition sensor
- Create up to 36 new scenes for every new room combination
FRESCO: shade/AV integration

THE FRESCO NETWORK communicates with third party systems, including A/V and motorized shade solutions, to eliminate unnecessary interfaces and simplify control.

- Bi-directional RS-232/485 communication
- Control complete range of shade positions
- Connect to third-party AV system to control all Fresco lighting zones, channels and scenes
Fresco: Dynamic Spaces Application Guide

Controls Strategies

CREATE AND MODIFY EVENTS directly from the touchscreen, no PC or other external equipment required. Schedules are saved and automatically activated by the onboard astronomic timeclock.

- Create up to 100 schedules per Fresco network
- Unlimited number of events for any schedule
- Set up exception schedules to temporarily override current schedule

FRESCO: on-screen scheduling
ACHIEVE THE SAME LEVEL of control on the wall or in your hands. Pair handheld devices with the Fresco touchscreen via built-in Bluetooth® wireless technology or the local wireless network for seamless control anywhere in the space.

- Mobile app supports Bluetooth and WiFi connectivity
- Create new scenes that automatically sync to the Fresco touchscreen controller
- Manage user access to both the mobile app and touchscreen controller via secure passwords
USING EVERYDAY WORDS, not command lines and code, makes for a more intuitive experience when creating scenes, shows and events. Fresco Show manages images, not numbers, so there is no extensive training required, no special code to learn; making it easy for even the most novice user.

- Abstract control eliminates the need to study DMX chart
- Choose color from different color spaces
- Work with different types of light at the same time (RGB, RGBW, CMY, Dimmer)

FRESCO SHOW: natural language control
FRESCO SHOW:
Task-oriented navigation

WHAT YOU SEE IS WHAT YOU GET. Fresco Show guides the user through each activity with simple, easy-to-follow icons and only presents what is needed to complete the current task.

- “Select” mode allows quick set-up for fixture addressing and configuration
- Control fixture color, shape, intensity and position
- Record your look to an unlimited number of memories and cues
- Play back your memories and playlists using the built-in timeclock or external triggers
Every project is unique. Whether it be architectural, entertainment, or multi-use, different lighting technologies are bound to be used within the same space. If there are multiple spaces with disparate functions and emphasis, it can be challenging and often expensive. To produce layered effects would typically require a complex system or set of parallel systems.

Let’s say it again: expensive.

Fresco and Fresco Show make it easy. A full spectrum of capabilities are driven through a single system. Sensors, dimming, scene and advanced color control all speak the same language. One point of control gives the designer/end user the ability to produce desired effects in the space, or make dramatic changes simply and with confidence.

Dynamic spaces are, well, dynamic. One day the ballroom is host to a sales conference. The next evening the same ballroom is transformed into an elegant wedding celebration. The simple and functional can become energetic and entertaining with a simple touch of the screen.
Meetings / Presentations / Control lights, shades and A/V

**DIM THE LIGHTS, LOWER THE SCREEN** and shades before watching that big sales presentation, or keep the lights bright while reviewing critical financial reports. Board meetings, sales pitches — even impromptu staff gatherings — are always on message with Fresco.
**BOARD ROOM SEQUENCE OF OPERATION**

- Distribute and control different lighting technologies using nLight power packs
- Manually activate pre-programmed scenes from the Fresco RB Station
- Control additional scenes, lighting intensity or other lighting channels from the Fresco Touchscreen
- Automatically control lighting levels with nLight occupancy or daylighting sensors
- Control third-party motorized shades and allow AV systems to interface with the Fresco network using Fresco AVI
- Wirelessly control lighting with Fresco mobile app
  
  Alternate functionality is available.

/A SAMPLING OF COMPATIBLE LUMINAIRES/
Lunch or Dinner / Special Events / Control front of house and back of house lights

FRESCO TAKES YOU SEAMLESSLY from day to night, creating the backdrop for a series of memorable experiences. Scenes like a light, bright dining room for the weekday lunch crowd can slowly transform into a warm, intimate setting for evening guests. Special event and holiday scenes only enhance the possibilities.

TONIGHT’S PERFORMANCE
dinner and drinks
RESTAURANT SEQUENCE OF OPERATION

- Schedule scenes to automatically and smoothly transition throughout the day using **Fresco Touchscreen**
- Wire lighting fixtures and control different lighting technologies from one central location with **Fresco Lighting Management Panel**
- Manually activate pre-programmed scenes from the **Fresco RB Station**
- Control back-of-house lighting from the **nLight button station**
- Wirelessly control lighting from the host stand using the **Fresco mobile app**

Alternate functionality is available.

A SAMPLING OF COMPATIBLE LUMINAIRES

- **GOTHAM® EVO® 4” WARM DIMMING**
- **GOTHAM® INCITO™ 2”**
- **GOTHAM® EVO® 4” ARCHITAINMENT**
- **LITHONIA LIGHTING® VTL**
MULTIPLE USES. MULTIPLE USERS. All in one day. This afternoon, two sections are hosting a conference and luncheon. Tonight, that same space must be ready for a wedding reception. Two different functions, one versatile controller. Strictly business or strictly ballroom, Fresco lets you create a mood as unique as the event.
BALLROOM SEQUENCE OF OPERATION

STAND-ALONE ROOM

• Distribute and control different lighting technologies using nLight power packs
• Automatically turn on specific, pre-programmed lights with nLight occupancy sensors
• Control additional scenes, lighting intensity, color or other lighting channels from the Fresco Touchscreen
• Manually activate pre-programmed scenes from the Fresco RB Station
• Control large fixtures like chandeliers with Fresco LMP1

COMBINED ROOMS

• Automatically link rooms using the Fresco Partition Sensor (FCSROOM KIT*) or manually link rooms using Fresco RB Station or any nLight input device
• Create new lighting channels and scenes for the combined space using Fresco Studio software
• All sensors and input devices can be programmed to track the new room combination
Alternate functionality is available.

A SAMPLING OF COMPATIBLE LUMINAires

*FCSROOM KIT includes sensors, MP20, and nIO1S. For detailed wiring instructions, please refer to the installation manual.
Front Window Displays / Highlight Merchandise / Sales and Special Events
Control indoor and outdoor lights and signage

**MERCHANDISE LOOKS BETTER** in just the right light and creates a little extra incentive to attract customers. With Fresco you can adjust color and intensity for displays that draw a shopper’s eye — an invitation to come on in.
### RETAIL SEQUENCE OF OPERATION

- Schedule opening and closing times, as well as outdoor signage using **Fresco Touchscreen**
- Wire lighting fixtures and control different lighting technologies from one central location with **Fresco Lighting Management Panel**
- Adjust kiosk or specialty display lighting and activate pre-programmed scenes from the **Fresco RB Station**
- Control stock area lighting with **nLight sensors and button stations**
  
  Alternate functionality is available.

### A SAMPLING OF COMPATIBLE LUMINAIRES

- **WINONA® WINLINE COVE**
- **MARK ARCHITECTURAL LIGHTING™ WHISPER LED**
- **GOTHAM® INCITO™ 2™**
- **WINONA® LED POPS!**
AUDITORIUMS ARE HARD-WORKING SPACES. Fresco helps to create just the right high-energy mood for the pep rally and assembly this afternoon — and the big game tonight. How about tomorrow night’s school play? Control the stage lighting to build the mood and make every act a show-stopper.
**Gymnasium Sequence of Operation**

- Distribute and control different lighting technologies using **nLight power packs**
- Automatically turn on specific, pre-programmed lights with **nLight occupancy sensors**
- Manually activate pre-programmed scenes or lighting zones from **Fresco RB Station**
- Control additional scenes, lighting intensity or other lighting channels from the **Fresco Touchscreen**
- Control color for stage lighting using the integrated DMX 512 palette from the **Fresco Touchscreen**

*Alternate functionality is available.*

**A Sampling of Compatible Luminaires**

- **GOTHAM® INCITO™ 4”**
- **HOLOPHANE® HIGH BAY**
- **WINONA® PARATA SPOT**
- **WINONA® WINDIRECT**
- **MARK ARCHITECTURAL LIGHTING™ SLOT 4 AND 6**
MAKE A grand entrance

Holiday or Special Event Displays / Exterior Wallwashes
Control indoor and outdoor lights

HUNDREDS OF VISITORS, DAY AFTER DAY. The right lighting gives them a reason to pause and feel welcome. Brighter by day as people hurry to and from the office, softer by night as they prepare to wind down. Holidays and events can be even more special with evocative lighting scenes that set the tone for the season.
**Fresco: Dynamic Spaces Application Guide**

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**ETHERNET / WIFI / BLUETOOTH® CONNECTIVITY**

**DMX**

- Distribute and control different lighting technologies using nLight power packs
- Control additional scenes, lighting intensity or other lighting channels from the **Fresco Touchscreen**
- Control color for special events or holidays using the integrated DMX 512 palette from the **Fresco Touchscreen**

Alternate functionality is available.

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**LOBBY SEQUENCE OF OPERATION**

**A SAMPLING OF COMPATIBLE LUMINAIRES**

- HYDREL® LAUREL
- HYDREL® BUILDING MOUNT LED
- HYDREL® RGB FLOOD
- GOTHAM® EVO® 4” ARCHITAINMENT
- GOTHAM® INCITO™ 2”

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Traveling Exhibits / Highlight or Focus on Specific Pieces
Control indoor lights

**DIM THE LIGHTS AND CREATE** a more intimate setting for special exhibits, or turn them up to enjoy a presentation from artists or educators. Fresco helps you create the right ambiance whether the mood you want is sophisticated, cordial, or playful.
 Schedule a lighting sequence that includes color, intensity, shape and position using Fresco Show WM

 Activate a lighting effect with a NSB

 Distribute DMX 512 luminaires and extend wiring distances using Fresco DXT

 Digitally control 0-10V lighting fixtures with Fresco LPDD

 Alternate functionality is available.
Worship Services / Special Events
Control indoor lights

REVERENT AND SERIOUS. VIBRANT AND JOYFUL.
Control the lighting transitions between each segment of a service to enhance the proper mood. Brighter lights and sound to welcome parishioners, dim and soft during moments of prayer. Fresco helps to enrich every service and add to the experience.

A BRIGHT spirituality
**House of Worship Sequence of Operation**

- Create and control a lighting sequence and adjust lighting color, intensity, shape and position of stage lighting using **Fresco Show DTP**
- Connect **Fresco Show DTP** to the DMX 512 network with **Fresco DXR modular receptacles**
- Control house lighting with the **Fresco Touchscreen**
- Manually activate pre-programmed scenes from the **Fresco RB Station**
- Distribute DMX 512 luminaires and extend wiring distances using **Fresco DXT**
- Digitally control 0-10V lighting fixtures with **Fresco LPDD**

Alternate functionality is available.

**A Sampling of Compatible Luminaires**

- **GOTHAM® EVO® 4” TUNABLE WHITE**
- **GOTHAM® INCITO™ 2”**
- **GOTHAM® EVO®4” ARCHITAINMENT**
- **WINONA® LED PENDANTS**
A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems that are both compatible and consistent.

For lighting applications, A+ means verified consistent performance, visual appearance and system interoperability of all luminaires and controls within the certified solutions.

For lighting professionals it means confidence that all parts of the lighting system will work together and meet common Acuity Brands specifications.

Go to www.acuitybrands.com/solutions/a-certified or contact your local Acuity Brands representative for more information.

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